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	APPLICANT	SHIRAI et al.	
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JP973 U.S. PTO
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
AS	JP-A-11-94945 (Discussed on page 3 of the spec.)	4/9/99	JAPAN				X	
AS	JP-A-7-134178 (Discussed on page 2 of the spec.)	5/23/95	JAPAN				X	
AS	JP-A-9-197045 (Discussed on pages 2-3 of the spec.)	7/31/97	JAPAN				X	
AS	JP-A-11-148974 (Discussed on page 4 of the spec.)	6/2/99	JAPAN				X	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	
AS	6/10/03	